



Robert Greene Sterne Edward J. Kessler Jorge A. Goldstein David K.S. Cornwe Robert W. Esmond Tracy-Gene G. Durkin Michele A. Cimbala Michael B. Ray Robert E. Sokohl Lawrence B. Bugaisky Donald J. Featherstone Judith U. Kim Timothy J. Shea, Jr. Patrick E. Garrett Heidi L. Kraus Edward W. Yee Albert L. Ferro Donald R. Banowit Peter A. Jackman Molly A. McCall Teresa U. Medier Jeffrey S. Weaver Kendrick P. Patterson Vincent L. Capuano Albert J. Fasulo II* Eldora Ellison Floyd Thomas C. Fiala Brian J. Del Buono

Kimberly N. Reddick Theodore A. Wood Elizabeth J. Haanes Bruce E. Chalker Joseph S. Ostroff Frank R. Cottingham Christine M. Lhulier Rae Lynn Prengamar Jane Shershenovich* James Steinsteinovich Lawrence J. Carroll* George S. Bardmesser Daniel A. Klein* Rodney G. Maze Jason D. Eisenberg Andrea J. Kamage Tracy L. Muller* Jon E. Wright*

Registered Patent Agents Karen R. Markowicz Nancy J. Leith Ann E. Summerfield Helene C. Carlson Gaby L. Longsworth Matthew J. Dowd Aaron L. Schwartz lique G. Uy Mary B. Tung Katrina Y. Pei Bryan L. Skelton Robert A. Schwartz John J. Figueroa Timothy A. Doyle Jennifer R. Mahalingappa

, LuAnne M. Yuricek*

<u>Of Counsel</u> Kenneth C. Bass III Lisa A Dunne Evan R. Smith

*Admitted only in Maryland * Admitted only in Virginia • Practice Limited to Federal Agencies

August 28, 2003

RECEIVED

AUG 2 9 2003

Technology Center 2100

WRITER'S DIRECT NUMBER: (202) 772-8807 **INTERNET ADDRESS:** ESMITH@SKGF.COM

Art Unit 2124

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Appl. No. 09/698,249; Filed: October 30, 2000

Apparatus and Method for Rectangular-to-Polar Conversion

Inventors:

Fu et al.

Our Ref:

1997.0010003

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Fee Transmittal (PTO/SB/17);
- 2. Response to Restriction/Election Requirement;
- Petition For Extension of Time Under 37 C.F.R. § 1.136(a)(1) 3.
- Form PTO-1449 with forty-eight (48) accompanying documents; 4.
- 5. One (1) return postcard; and
- Form PTO-2038 Credit Card Payment Form to cover: \$205.00 Extension for reply 6. within second month.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox PLLC.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540; www.skqf.com

Commissioner for Patents August 28, 2003 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Evan R. Smith

Attorney for Applicants Registration No. 35,683

RES/ERS/tis Enclosures

::ODMA\MHODMA\SKGF_DC1;173235;1 SKGF Rev. 2/15/02 dcw; 4/18/03 svb

Sterne, Kessler, Goldstein & Fox PLLC. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : www.skgf.com

8/28/03

Date

PTO/SB/17 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
and Trademark Office: U.S. DEPARTMENT OF COMMERCE
h of information unless it displays a valid OMB control number

FEE TRANSMITTAL for FY 2003

0/1/01/2003. Patent fees are subject to ENT & TRADEN annual revision.

☑ Applicant claims small entity status. See 37 CFR 1.27

Signature

— 7 ppinoarit oldirilo oriidii oriidiy oldidor oldoo oliidii									
TOTAL AMOUNT OF PAYMENT	(\$)205.00								
	4								

ersons are required to respon	to a control information unless it displays a valid office contact manner.				
Complete if Known					
Application Number	09/698,249				
Filing Date	October 30, 2000				
First Named Inventor	Fu et al.				
Examiner Name	Mai, Tan V.				
Art Unit	2124				
Attorney Docket No.	1997.0010003				

□ Check □ Credit card □ Money Order □ None Deposit Account No. 19-0006 □ Deposit Account Name: Store, Kessler, Goldstein & Fox P.L.C. The Commissioner is authorized for (check all that apply) □ Charge feet(s) indicated below □ Credit any over payments above-identified deposit account. □ Charge feet(s) indicated below □ Credit any over payments above-identified deposit account. □ Charge feet(s) indicated below. except for the filing fee to the above-identified deposit account. □ Charge feet(s) indicated below, except for the filing fee to the above-identified deposit account. □ Charge feet(s) indicated below. except for the filing fee to the above-identified deposit account. □ Charge feet(s) indicated below, except for the filing fee to the above-identified deposit account. □ Charge feet(s) indicated below, except for the filing fee to the above-identified deposit account. □ Charge feet(s) indicated below, except for the filing fee to the above-identified deposit account. □ Charge feet(s) indicated below, except for the filing fee to the above-identified deposit account. □ Charge feet(s) indicated below, except for the filing fee to the above-identified deposit account. □ Charge feet(s) indicated below, except for the filing fee to the above-identified deposit account. □ Feet CALCULATION □ 1252 303 202 255 55 Extension for reply within first month □ 1255 1,840° 1,84	METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)						
Deposit Account Number		3. AD	DITION	AL FEE				
Deposit Account Number	☐ Check ☑ Credit card ☐ Money Order ☒ Other* ☐ None "Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.	Large	Entity	Sma	il Enti	<u>ty</u>	AUG 2 9 2003	
Deposit Account Name: Stemer, Kessler. Goldstein & Fox PLLC. 1051 130 2051 65 Surcharge - late filing fee or oath 1052 50 2052 25 Surcharge- late filing fee or oath 1053 130 1052 51 2052 25 Surcharge- late filing fee or cover sheeter in the stationard to cincect all had apply) 1054 1052 1053 130 Non-English specification 1054 130 2051 180 2052 25 Surcharge- late provisional filing fee or cover sheeter in the sheeter	Deposit Account					Fee Description Tech	hnology Cen ter 211	90°aid
The Commissioner is authorized to: (check at that apply) Charge feets) indicated below Credit any over payments	Deposit Account Number 19-0036	1051	120	2051	65	Surcharge - late filing fo	e or oath	
Charge fee(s) indicated below Credit any over payments Charge any additional fee(s) during the pendency of this application Charge any additional fee(s) during the pendency of this application above-identified deposit account. 1053 130 1053 13	• · · · ·					-		
□ Charge any additional fee(s) during the pendency of this application □ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. 1805 1,840		1502	50	2052	25	sheet	nai ning lee or cover	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. 1812 292 292 29		1053	130	1053	130	Non-English specification	on	
1805 1,840		1812	2,520	1812	2,520	For filing a request for e	ex parte reexamination	
1, 251 110 2251 55 Extension for reply within first month 1252 410 2252 205 Extension for reply within first month 205 00 2	LI Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1804	920*	1804	920*		of SIR prior to Examiner	
1252 410 2252 205 Extension for reply within second month 205.00		1805	1,840*	1805	1,840	 Requesting publication action 	of SIR after Examiner	
1. BASIC FILING FEE	•	1251	110	2251	55	Extension for reply withi	in first month	
1. BASIC FILING FEE		1252	410	2252	205	Extension for reply withi	in second month	205.00
1. BASIC FILING FEE	FFF CALCULATION	1253	930	2253	465	Extension for reply withi	in third month	-
Large Entity Small Entity Entity Fee		1254	1,450	2254	725	Extension for reply withi	in fourth month	
Fee		1255	1,970	2255	985	Extension for reply within	in fifth month	
Code (5)		1		2401	160	Notice of Appeal		
1001 750 2001 375	100 100 100	1			160	•	of an appeal	
1003 530 2003 260 Plant filing fee 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1004 750 2004 375 Reissue filing fee 1452 110 2452 55 Petition to revive - unavoidable 1105 160 2005 80 Provisional filing fee 1453 1,300 2501 650 Utility issue fee (or reissue)				1				
1004 750 2004 375 Reissue filing fee 1452 110 2452 55 Petition to revive - unavoidable 1453 1,300 2453 650 Petition to revive - unintentional 1,500						·	-	
1105 160 2005 80 Provisional filing fee						·		
1453 1,300 2453 650 Petition to revive - unintentional		1452						
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1453	1,300	2453	650	Petition to revive - unint	tentional	
Extra below Fee Pald Total Claims -20** = X = Indep. Claims -3** = Indep. Claims -3** = Indep. Claims -3** = X = Indep. Claims -3** = Indep.	SUBTOTAL (1) (\$) 0	1501	1,300	2501	650	Utility issue fee (or reiss	sue)	
Extra below Fee Pald 1503 630 2503 315 Plant issue fee		1502	470	2502	235	Design issue fee		
Indep. Claims	Extra below Fee Paid	1503	630	2503	315	Plant issue fee		-
Large Entity Small Entity Fee		1460	130	1460	130	Petitions to the Commis	ssioner	
Submitted by Small Entity Small Entity Small Entity Fee	Multiple Dependent =	1807	50	1807	50	Processing fee under 3	37 CFR 1.17(q)	
Code (\$) Code (\$) Code (\$)		1806	180	1806	180	Submission of Informati	tion Disclosure Stmt	
1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$)0 SUBMITTED BY 1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b)) 1810 750 2801 375 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)205.00	Code (\$) Code (\$)	8021	40	8021	40	Recording each patent (times number of prope	assignment per property erties)	
1204 84 2204 42 **Reissue independent claims over original patent 1801 750 2801 375 Request for Continued Examination (RCE) 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$)0 Other fee (specify) **or number previously paid, if greater; For Reissue, see above SUBMITTED BY CFR 1.129(b)) 1801 750 2801 375 Request for Continued Examination (RCE) 1802 900 Request for expedited examination of a design application Other fee (specify) **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)205.00		1809	750	2809	375		er final rejection (37 CFR	
1204 84 2204 42 Relissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$)0 Other fee (specify) **or number previously paid, if greater; For Reissue, see above SUBMITTED BY 1801 750 2801 375 Request for Continued Examination (RCE) 1802 900 Request for expedited examination of a design application 1802 900 Request for expedited examination of a design application 1802 900 Request for expedited examination of a design application **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)205.00	1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional inve	ention to be examined (37	
1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$)0 Other fee (specify) **or number previously paid, if greater; For Reissue, see above SUBMITTED BY 1802 900 Request for expedited examination of a design application 1802 900 Request for expedited examination of a design application 1802 900 Request for expedited examination of a design application 1802 900 Request for expedited examination of a design application Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)205.00	1204 84 2204 42 **Reissue independent claims	4004	750	2004	275		Evamination (BCE)	
and over original patent SUBTOTAL (2) (\$)0 Other fee (specify) **or number previously paid, if greater; For Reissue, see above SUBMITTED BY Reduced by Basic Filing Fee Paid Complete (if applicable)	1	1801	/50	2801	3/5	Request for Continued	examination (RCE)	
SUBTOTAL (2) (\$)0 Other fee (specify) **or number previously paid, if greater; For Reissue, see above *Reduced by Basic Filing Fee Paid *Complete (if applicable)	1	1802	900	1802	900	Request for expedited e application	examination of a design	
SUBMITTED BY Complete (if applicable)	• •	Other	Other fee (specify)					
333	**or number previously paid, if greater; For Reissue, see above	• Red	duced by	Basic I	Filing F	ee Paid S	SUBTOTAL (3) (\$) <u>205.0</u>	0
333	SUBMITTED BY					-	Complete (if applicable)	
	Name (Print/Type) Evan R. Smith	Regis	stration N	o.		35,683	Telephone 202-371	-2600